

## 8 Channel Relay Interface Module- MAS-DO-RL-08-D

*masibus*

Document Ref. No. : m86/op/101  
Issue No: 07

### SPECIFICATIONS:

#### CONTACT

Relay Type	: SPDT, Normally open, Plug-In Type
Resistive Load	: 10A at 250VAC (Max. power 2500VA) 10A at 30VDC (Max. power 300W)
Inductive Load	: 7.5A at 250VAC (Max. power 1875VA) 5A at 30VDC (Max. power 150W)
Max. Switching Voltage	: 380VAC/125VDC
Relay On Time	: 15m Sec.
Relay Off Time	: 20m Sec.
Dielectric strength	: 1500VAC, 50/60 Hz, 1 min between coil and contact
Insulation Resistance	: 1000M (At 500 VDC) (Between coil and contact)
Life Expectancy	: For Max. Rating 10 x 10 <sup>9</sup>

#### COIL

Nominal	: 24VDC / 48VDC
Min.	: 17VDC / 33.6VDC
Release	: 4VDC / 7.2VDC
Max.	: 27VDC / 81.6VDC
Resistance	: 1.1 K ohms / 4.17K ohms

FUSE : 5A Fast Blow 250VAC Individual Contact

INDICATION : Coil On

SELECTION : Source/Sink by Jumper (Input Side)  
Common C Selection by Jumper  
Snubber Action contact Common with NO/NC by Jumper

#### GENERAL:

Power Consumption	: 0.53W / Relay
Input connectors	: PCB mounted Terminal (Suitable for wire size of upto 2.5 Sq.mm.)
Output connector	: PCB mounted Terminal (Suitable for wire size of upto 2.5 Sq.mm.)
Dimensions	: 185 mm x 90 mm x 70mm (H x W x D)

### GUIDELINE FOR JUMPER SELECTION

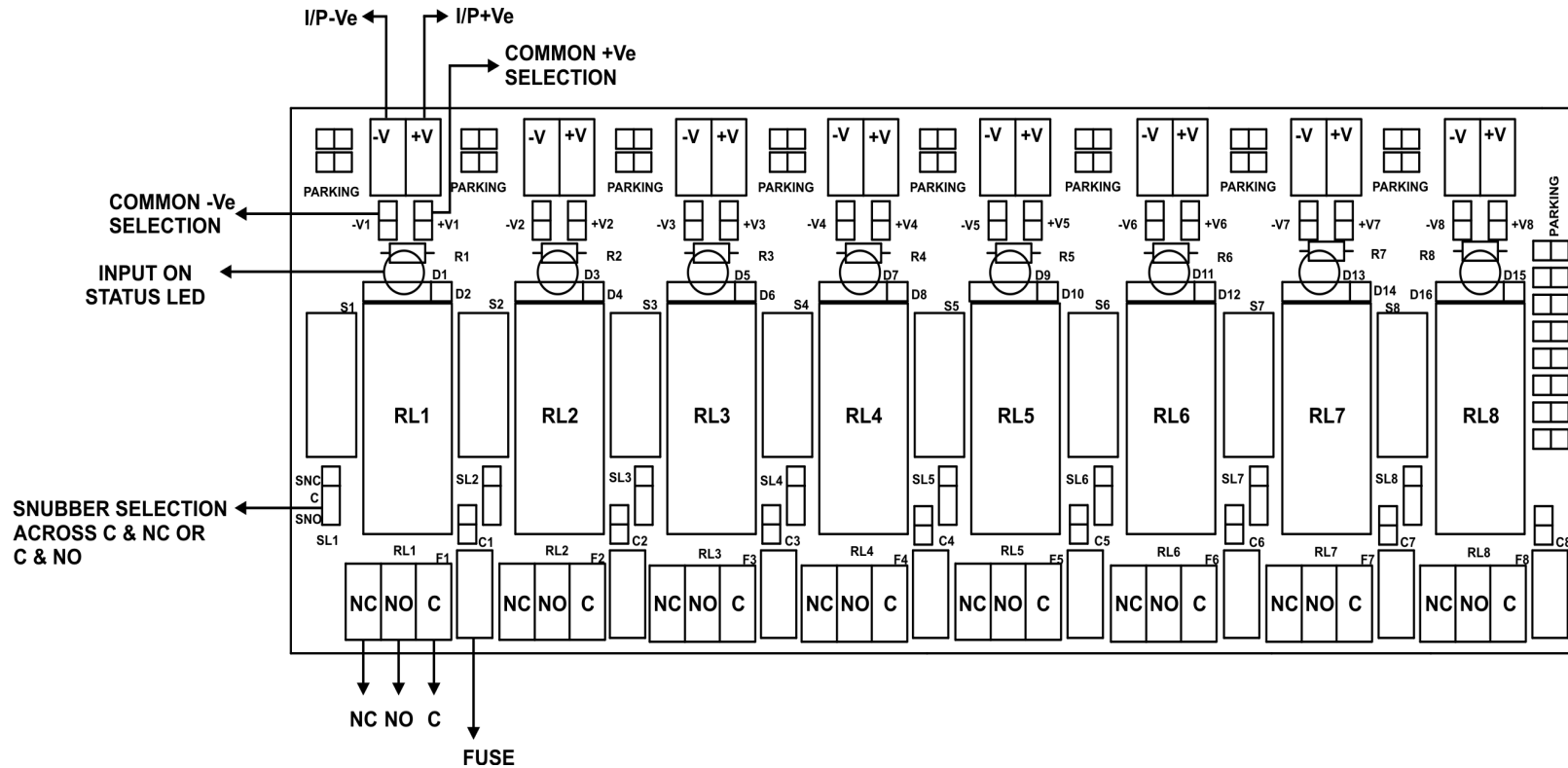
- **-V1/+V1 to -V8/+V8 :**  
Coil Input +V and -V selection by Jumper.  
This jumper is providing facility to select common -Ve and Common +Ve selection for coil input.
- **SL1 to SL8 :**  
This jumper provides selection of snubber contact with common C to NC or NO.
- **PARKING :**  
Park Unused Jumper in this place.

**NOTE:-** For more detail Refer Below Drawing.

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